



# NITFS

## Compliance Registration



**Product :** Electronic Light Table (ELT)/5500, version 2.0 build 210 ,  
with National Technical Means Module U2.4 and the  
Government  
Measurement Software Application RULER version 12.0.  
Paragon Imaging

**Date:** 25 June 2004  
**Expiration:** 24 June 2006  
**Registration #:** 2029

**Sponsor :** Paragon Imaging

- ☐ Initial Registration  
☒ Supplemental/Update #  
☐ Derived from Reg. #
- Developer:**

☐ **System**  
N-0105/98, §4.1.1

☒ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

### Configurations Tested:

-Windows 2000, SP2  
- Windows XP

### NITFS Features Implemented:

#### Format

- NITF**  
☒ v2.1  
☒ v2.0  
☐ v1.1  
**NSIF**  
☒ v1.0

#### Pixel Value Types

- ☐ Boolean  
☒ Integer  
☒ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

#### Annotation Segment Type

- ☐ Bit Mapped \*\*  
☒ CGM, 2301  
☒ CGM, 2301A  
☐ Labels \*\*

#### Text Segments

- ☒ STA  
☐ UT1  
☐ U8S  
☒ MTF

#### Image Segment Types

- ☒ MONO  
☒ RGB  
☐ RGB/LUT  
☒ YCbCr  
☒ MULTI  
☐ NODISPLY  
☐ POLAR

#### Image Compression

- ☒ Not Compressed  
☒ JPEG Lossy, 8-bit  
☒ JPEG Lossy, 12-bit  
☒ JPEG Downsampling  
☐ JPEG Lossless  
☒ JPEG 2000  
☐ Bi-Level  
☐ Vector Quantization  
☒ Multispectral JPEG, Individual Band

#### Data Extension Segments

- ☒ TRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☒ Controlled Extensions \*\*  
☒ Registered Extensions \*\*

#### Tagged Record

- Extensions**  
☒ - PIAE  
☐ - ASDE  
☐ - CSDE  
☐ - ICHIPB  
☐ - IOMAPA  
☒ - RPF Extensions  
- Digest GeoSDE

**Legend**  
Interpret  
Generate  
☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

EDWARD E. BOYLES II, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
a product for the intended use. Optional NITFS features may not be implemented.